

105.1 - Clinical Laboratory Materials (gas, liquid, and solid forms)

The following SRMs are for calibrating apparatus and validating analytical methods used in clinical and pathology laboratories. Additional information on the serum materials is given in table 105.2.

For further information see: [SP 260-36](#), [SP 260-72](#) and [SP 260-83](#)

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SRM	900	909b	911c	912a	913a	914a	915b	916a	917c	918b	919b	920	921	*924a	925	927d	928	929a	937	955c
Description	Antiepilepsy Drug (4) Level	Human Serum	Cholesterol	Urea-Clinical	Uric Acid	Creatinine	Calcium Carbonate (Clinical Standard)	Bilirubin	D-Glucose (Dextrose)	Potassium Chloride (Clinical)	Sodium Chloride (Clinical)	D-Mannitol	Cortisol (Hydrocortisone)	Lithium Carbonate (Clinical)	VMA (Clinical)	Bovine Serum Albumin (7% solution)	Lead Nitrate (Clinical)	Magnesium Gluconate	Iron Metal (Clinical)	Lead in Caprine Blood
Unit Size	(set (4))	((2x3 each conc)+(6 water))	(2 g)	(25 g)	(10 g)	(10 g)	(20 g)	(100 mg)	(50 g)	(30 g)	(30 g)	(50 g)	(1 g)	(30 g)	(1 g)	(set (10))	(30 g)	(5 g)	(50 g)	(4 vials)
Purity/Constituent (mass fraction in %)			99.2	99.9	99.6	99.7	W _{Ca} C ₀₃ 99.907 W _{Ca} 40.0104 W _{CO₃} 59.923	98.3	99.7	W _{KCl} 99.927 W _K 52.4121 W _{Cl} 47.5284	W _{NaCl} 99.835 W _{Cl} 60.564 W _{Na+} 39.2747	99.8	98.9	99.867	99.4	BSA Conc. 65.41 mg/L	100.00	Mg Conc. 5.362	99.90	

* Conforms to National Committee for Clinical Laboratory Standards (NCCLS) specifications ACC-1

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SRM	956c	965b	967a	968d	970	971	972	998	1400	1486	1595	1598a	1599	1951b
Description	Electrolytes in Frozen Human Serum	Glucose in Frozen Human Serum	Creatinine in Frozen Human Serum	Fat-Soluble Vitamins, Carotenoids and Cholesterol in Human Serum	Ascorbic Acid in Frozen Human Serum	Hormones in Frozen Human Serum	Vitamin D in Human Serum	Angiotensin I (Human)	Bone Ash	Bone Meal	Tripalmitin	Inorganic Constituents in Animal Serum	2 Anticonvulsant Drugs	Lipids in Frozen Human Serum
Unit Size	(6 ampoules x 2.0mL each)	(set (8) (2 each conc))	(set(4) (2 each conc))	(set (2) (single conc))	(set (4) (2 each conc))	(5 mL)	(set (4) (1 each level))	(0.5 mg)	(50 g)	(50 g)	(2 g)	(2 vials)	(set (4))	(set (4) (2 each conc))
Purity/Constituent (mass fraction in %)		glucose (4 levels)	creatinine (2 levels)			cortisol, progesterone	25-hydroxyvitamin D ₂ 25-hydroxyvitamin D ₃ 3-epi-25-hydroxyvitamin D ₃	94.1	8 elements	8 elements	99.5			

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1952a	1955	2389	2670a	2921	2972
Cholesterol in Human Serum (set (6) (2 each conc))	Homocysteine and Folate in Frozen Human Serum (set (3) (1 each conc))	Amino Acids in 0.1 mol/L Hydrochloric Acid (5-2 mL)	Toxic Elements in Urine (Freeze-Dried) (set (4) (2 each conc))	Human Cardiac Troponin Complex (5x115 uL)	25-Hydroxyvitamin D2 and D3 Calibration Solutions (10 ampoules x 1.2 mL each)
		17 amino acids	25-hydroxyvitamin D2 25-hydroxyvitamin D3		

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